

Designation	Qty	Description
C1	1	22uF 20%, 50V, Aluminum electrolytic capacitor (6.6mmx10mm)
C2, C4	2	1uF 10%, 50V, X7R ceramic capacitor (0805)
C3	1	0.01uF 10%, 25V, X7R ceramic capacitor (0402)
C6	1	2.2uF 10%, 10V, X7R ceramic capacitor (0603)
C7	1	39pF 5%, 50V, C0G ceramic capacitor (0402)
C8	1	0.018uF, 10%, 16V, X7R ceramic capacitor (0603)
C9	1	0.039uF 10%, 16V, X7R ceramic capacitor (0402)
C10	1	100pF 5%, 50V, C0G ceramic capacitor (0402)
C12-C14	3	22uF 20%, 6.3V, X5R ceramic capacitors (0805)
C16	1	0.012uF 10%, 16V, X7R ceramic capacitor (0402)
C17	1	4.7uF 10%, 6.3V, X5R ceramic capacitor (0603)
C18	1	0.1uF 10%, 10V, X5R ceramic capacitor (0402)
C19	1	1000pF 10%, 2000V, X7R ceramic capacitor (1808)
D1, D4	2	Switching diodes, 100V 0.2A (SOT-23), Central Semiconductor CMPD7000
D3	1	Schottky Diode, 60V 1A (SMA), Central Semiconductor CSMH1-60M+
R1	1	3.48k 1% resistor (1210)
R2	1	34.0k 1% resistor (0402)
R3	1	549k 1% resistor (0402)
R4, R5	2	20k 1% resistors (0402)
R6	1	66.5k 1% resistor (0402)
R7	1	0 OHM 5% resistor (0402)
R9	1	22.1k 1% resistor (0402)
R11	1	49.9k 1% resistor (0402)
R13	1	475 OHM 1% resistor (0402)
R15	1	442 OHM 1% resistor (0402)
R19	1	8.25k 1% resistor (0402)
R20	1	24.9k 1% resistor (0402)
R21	1	10k 1% resistor (0402)
T1	1	1.75:1 transformer, Wurth Electronics 750315847
T1	1	1.75:1 transformer, SUMIDA 06343-T588
T1	1	1.75:1 transformer, Hanrun Electronics HR041087
VIN, GND, VOUT, GNDO	4	Single header pins
U1	1	DC-DC current-mode converter (16 TQFN-EP), Maxim MAX17498BATE+
U2	1	Optocoupler 3kV Transistor (4 SOIC), Avago ACPL-217-50AE
U3	1	V-Ref Adjustable 1.24V to 16V 20mA (SOT23-3), ON Semiconductor TLV431BSN1T1G
PCB	1	PC board: MAXREFDES111# 24V IN 5V OUT 2W Converter